

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S1	23	(72/15.1).CCLS.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/10/06 12:29
S2	15	(72/15.2).CCLS.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/03/27 15:09
S3	472	(72/361).CCLS.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/10/06 14:43
S4	1	("3824833").PN.	USPAT	OR	OFF	2006/10/06 13:53
S5	8	"0671246"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2006/10/06 13:54
S6	5	"10133624"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2006/10/06 14:02
S7	564	(72/420).CCLS.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/10/06 14:43
S8	478	(29/701).CCLS.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/10/11 14:52
S9	500	(29/701).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/10/11 14:52
S10	199	S9 AND (sensor OR detect\$3 OR alarm OR identif\$3)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2006/10/11 15:30
S11	78	(29/702).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/10/11 15:30

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S12	282	(29/703).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/10/11 15:30
S13	51	S11 AND (sensor\$3 OR detect\$3 OR alarm OR identif\$3 OR monitor\$3)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2006/10/11 15:33
S14	142	S12 AND (sensor\$3 OR detect\$3 OR alarm OR identif\$3 OR monitor\$3)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2006/10/11 15:47
S15	840	S9 OR S11 OR S12	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2006/10/11 15:47
S16	28	S15 AND "position sensor"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2006/10/11 15:50
S17	6	S15 AND "detecting sensor"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2006/10/11 15:51
S18	0	S15 AND "detection means"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2006/10/12 13:03
S19	76	(72/20.5).CCLS.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/10/12 13:47
S20	43	(72/20.4).CCLS.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/10/12 13:53
S21	49	(72/20.3).CCLS.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/10/12 15:33

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S22	2	"20060169017"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2006/10/12 15:34
S23	2	"20060123871"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2006/10/12 15:35
S24	2	"20060174677"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2006/10/12 15:35
S25	554	(700/213).CCLS.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/03/27 15:10
S26	1	("3824833").PN.	USPAT	OR	OFF	2007/03/27 15:10
S27	220	(700/192).CCLS.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/05/23 12:50
S28	2	("6542783").PN.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/05/23 12:43
S29	222	(700/192).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2007/05/23 12:50
S30	128	S29 and ((position or orientation) SAME tool)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2007/05/23 12:52
S31	52	S30 and sensor	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2007/05/23 12:54
S32	1462	(700/193,175,195,114).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2007/05/23 12:55

## EAST Search History

S34	389	S32 and ((position or orientation) SAME tool) and (sensor or detect or detection)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2007/05/23 12:56
S35	7	("5357450"   "5812407"   "6362014").PN. OR ("6542783"). URPN.	US-PGPUB; USPAT; USOCR	AND	ON	2007/05/23 14:31
S37	2	((("7055367") or ("6918188")).PN.	USPAT	OR	OFF	2007/05/23 16:34
S38	5467	(451/5,6,7,8,9,11).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2007/05/23 16:35
S39	206	S38 and ((position or orientation) with tool) same (sensor or sense or detect or detection)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2007/05/23 17:04
S40	1559	(72/20.1,21.1,31.01,422).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2007/05/23 17:04
S41	33	S40 and ((position or orientation) with tool) same (sensor or sense or detect or detection)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2007/05/23 17:16
S42	351	"coordinate measuring machine" and (shaping or forming) and tool	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2007/05/23 17:18
S43	4	("2005/0166413").URPN.	USPAT	AND	ON	2007/05/24 08:31
S44	39	("4014000"   "4044377"   "4146924"   "4190890"   "4219847"   "4314402"   "4380696"   "4396945"   "4402053"   "4412121"   "4435835"   "4475122"   "4613942"   "4631676"   "4639878"   "4670298").PN. OR ("6301763"). URPN.	US-PGPUB; USPAT; USOCR	AND	ON	2007/05/24 09:21

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S45	54	("3654616"   "3890552"   "4111027"   "4260940"   "4309600"   "4356718"   "4369563"   "4455857"   "4495588"   "4501135"   "4509357"   "4517653"   "4571694"   "4602345"   "4613943"   "4640113"   "4658625"   "4706491"   "4745812"   "4802357"   "4942767"   "4947666"   "4962654"   "4979385"   "4991422"   "5005394"   "5007264"   "5009098"   "5012661"   "5031441"   "5036694"   "5042287"   "5058406"   "5081763"   "5088181"   "5092645"   "5146670"   "5182936"   "5187958"   "5307282"   "5329597").PN. OR ("5761940"). URPN.	US-PGPUB; USPAT; USOCR	AND	ON	2007/05/24 10:13
S46	1424	(83/522.15-522.25).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2007/05/24 10:15
S47	103	S46 and ((position or orientation) with tool)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2007/05/24 10:50
S48	1000	(33/201,710,559).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2007/05/24 10:50
S49	24	S48 and ((detect or detection or measure) with (position or orientation or location) with tool)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2007/05/24 12:34
S50	2	((("6415191") or ("6161055")).PN.	USPAT	OR	OFF	2007/05/29 16:51
S51	1	("6567725").PN.	USPAT	OR	OFF	2007/05/29 13:16
S52	3	((("7217076") or ("7008802") or ("6938454")).PN.	USPAT	OR	OFF	2007/05/29 13:20
S54	402	manufacturing and (robot with calibrat\$5)	US-PGPUB; USPAT; USOCR	AND	ON	2007/05/29 13:21
S55	0	S52 and ((sense or sensing or detect or detection or detecting) with tool)	US-PGPUB; USPAT; USOCR	AND	ON	2007/05/29 13:21
S56	2	((("6415191") or ("6161055")).PN.	USPAT	OR	OFF	2007/05/29 16:51

## EAST Search History

S57	2	S56 and (position with tool)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2007/05/29 16:55
S58	2	S56 and ((position with tool) same (sense or sensing or detect or detecting))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2007/05/29 17:02
S59	2	S56 and (((position or orientation) with tool) same (sense or sensing or detect or detecting))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2007/05/29 17:02
S60	2	S56 and (((position or orientation) with tool) with (sense or sensing or detect or detecting))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2007/05/29 17:03
S62	1720	(tool adj1 (detect\$3 or measur\$5 or sens\$4)) with (position or orientation or location)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	AND	ON	2007/05/29 17:05
S63	1077	S62 and (shap\$3 or grind\$3 or abrad\$3)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	AND	ON	2007/05/29 17:06